

## INTERNATIONAL SEARCH REPORT

Inter Application No  
PCT/US2004/036060

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B65D25/48

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B65D B44D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/085713 A (NOTTINGHAM-SPIRK PARTNERS, LLC; NOTTINGHAM, JOHN, R; SPIRK, JOHN, W; P) 31 October 2002 (2002-10-31)	1-8, 17-28
Y	paragraphs '0056!, '0071! - '0074!; figures 1a,11,13,15,23	9-12, 14-16
Y	US 3 397 824 A (GANUNG ROBERT B ET AL) 20 August 1968 (1968-08-20) the whole document	9-12, 14-16
A	US 4 706 829 A (LI ET AL) 17 November 1987 (1987-11-17) the whole document	1-28
A	US 4 984 714 A (SLEDGE ET AL) 15 January 1991 (1991-01-15) the whole document	1-28

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

3 March 2005

Date of mailing of the international search report

24/03/2005

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02085713	A	31-10-2002	CA 2449416 A1	31-10-2002
			EP 1387795 A1	11-02-2004
			MX PA03009605 A	05-05-2004
			WO 02085713 A1	31-10-2002
			US 2002195471 A1	26-12-2002
<hr/>				
US 3397824	A	20-08-1968	NONE	
<hr/>				
US 4706829	A	17-11-1987	AU 578175 B2	13-10-1988
			AU 6714687 A	13-08-1987
			BR 8700536 A	08-12-1987
			EP 0232002 A2	12-08-1987
			FR 2594097 A1	14-08-1987
			JP 62193962 A	26-08-1987
			ZA 8700358 A	30-09-1987
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US 4984714	A	15-01-1991	NONE	
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